

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(DO/EO/US)

In re Application of: Gregory J. Hannon, David H. Beach

Serial No: 09/936,035

International Filing Date: November 24, 1999

Atty Dkt No: GNCA-P01-005

For: METHODS AND REAGENTS FOR
INCREASING PROLIFERATIVE CAPACITY
AND PREVENTING REPLICATIVE
SENESCENCE

**TRANSMITTAL OF SEQUENCE LISTING IN COMPUTER READABLE
FORM IN COMPLIANCE WITH 37 C.F.R. §§1.821(c), (e) AND 1.825(a), (b)**

Commissioner of Patents
BOX SEQUENCE
Washington, D.C. 20231

Sir:

Applicant submits the following in response to the Notification of Missing Requirements Under 35 USC 371 In The United States Designated/Elected Office (DO/EO/US) mailed on November 27, 2001.

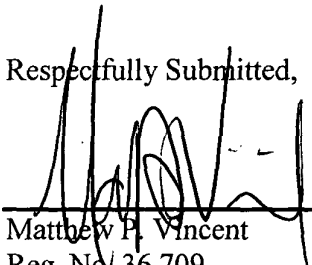
Transmitted herewith is a copy of a "Sequence Listing" in paper form for the above-identified patent application as required by 37 C.F.R. §§ 1.825(a) and 1.821(c). A copy of the "Sequence Listing" in computer readable form as required by 37 C.F.R. §§ 1.825(b) and 1.821(e) was submitted electronically on May 28, 2002. Copies of the papers associated with the electronic submission are enclosed..

As required by 37 C.F.R. § 1.825(b), Applicant's Attorney hereby states that the contents of the Substitute "Sequence Listing" in paper form and in the computer readable form submitted electronically are the same and, as required by 37 C.F.R. § 1.825(a), also states that the submission includes no new matter.

Respectfully Submitted,

Date: May 28, 2002

Customer No: 28120
Docketing Specialist
Ropes & Gray
One International Place
Boston, MA 02110


Matthew P. Vincent
Reg. No. 36,709



TRANSMITTAL FORM

Electronic Version 1.0.3

Application Number: 09/936,035

Stylesheet Version: 1.0

Attorney Docket Number: GNCA-P01-005

Submission Type: BIO
Sequence Filing

Methods and Reagents for Increasing Proliferative Capacity and Preventing Replicative Senescence

First Named Inventor: Gregory Hannon

SUBMITTED BY

Name:	Matthew P. Vincent
Registration Number:	36,709
Electronic Signature Mark: MPV	Date Signed: 20020528

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

sequence-listing	GNCA-P01005.txt
biotechnology-listing-filing	GNCA-P01-005SeqListingbio.xml

I hereby certify that this correspondence is being transmitted to the Patent and Trademark Office on the following date. 2002-05-28

Name: Matthew P. Vincent

Electronic Signature Mark: MPV

Comments:

GNCA-P01-005SeqListingbio - demoBioDll

File Edit View Help

Biotechnology Sequence Listing Data

AMINO ACID AND NUCLEOTIDE SEQUENCE LISTING FOR A PATENT

This is a request for filing the electronic copy of a sequence listing for a patent application under 37 C.F.R 1.821-1.825.

This communication has an attached file which is the electronic copy of the amino acid and/or nucleotide sequence listing for the previously mentioned United States Patent Application.

The electronic copy submitted herewith is the Computer Readable Form (CRF), as required by 1.821(e).

Any applicable fees associated with the filing of the electronic copy have been paid.

This submission does not go beyond the disclosure of the application as originally filed (i.e., contains no new matter). It may be in addition to an original CRF, filed to comply with the sequence rules.

This submission in electronic form comprises only the CRF of 37 C.F.R. 1.821(e). Applicant is responsible for all additional requirements of amino acid and/or nucleotide sequence listing submissions as specified in 37 C.F.R. 1.821 - 1.825.

This submission does not go beyond the disclosure of the application as originally filed (i.e., contains no new matter), and/or is in addition to an original CRF filed to comply with the sequence rules. If not made to comply with an originally filed CRF, it is identical to the sequences disclosed in the application as originally filed and/or the paper copy of the Sequence Listing as originally filed.

Attachment Description CRF Biosequence

Compression Software Used, If Any

Start 3:45 PM

Acknowledgment Receipt:

SUBMISSION TYPE: **BIO Sequence Filing**
APPLICATION NUMBER: **09936035**
FIRST NAMED INVENTOR: **Gregory Hannon**
TITLE OF INVENTION: **Methods and Reagents for Increasing Proliferative
Capacity and Preventing Replicative Senescence**
ATTORNEY DOCKET NUMBER: **GNCA-P01-005**

FILE LISTING:

transmittal	tranGNCA-P01-005SeqListing.xml 6334 Bytes
sequence-listing	GNCAP01005.txt 80636 Bytes
biotechnology-listing-filing	GNCA-P01-005SeqListingbio.xml 957 Bytes
biotechnology-listing-filing	u-bio.dtd 3619 Bytes
biotechnology-listing-filing	e-bioseq.xsl 6067 Bytes

EFS ID: **15439**

FILE SIZE: **33551 Bytes**

TIMESTAMP: **Tue May 28 16:04:06 EDT 2002**

MESSAGE DIGEST: **k0r69VPL+D6/oqikVpcExQ==**

DIGITAL CERTIFICATE HOLDER NAME: **cn=Matthew P. Vincent, ou=Registered Attorneys**

UPLOAD STATUS: **You have successfully uploaded your submission to USPTO**